Future of Vehicle Software Architecture

2019 All Member Meeting - Munich

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Future Vehicle EE and Software Architecture (GENIVI 2018+)

Roadmap E/E architecture

Up to now

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Questions

- What do each of you believe to be the top 1-2 trends driving future architectures for vehicle software?
- Why is the industry shifting from a distributed to a centralized vehicle software architecture?
- What challenges are OEMs and T1s facing in this new central vehicle architecture when it comes to the integration of multiple operating systems like Android, Linux, AUTOSAR, etc?
- The slide mentions the potential for a “zone architecture”. How would you describe this trend and how might it affect vehicle software?
- What are your thoughts on vehicle cloud computing? What will that look like and how will that change how software is built & deployed?
Thank you!

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